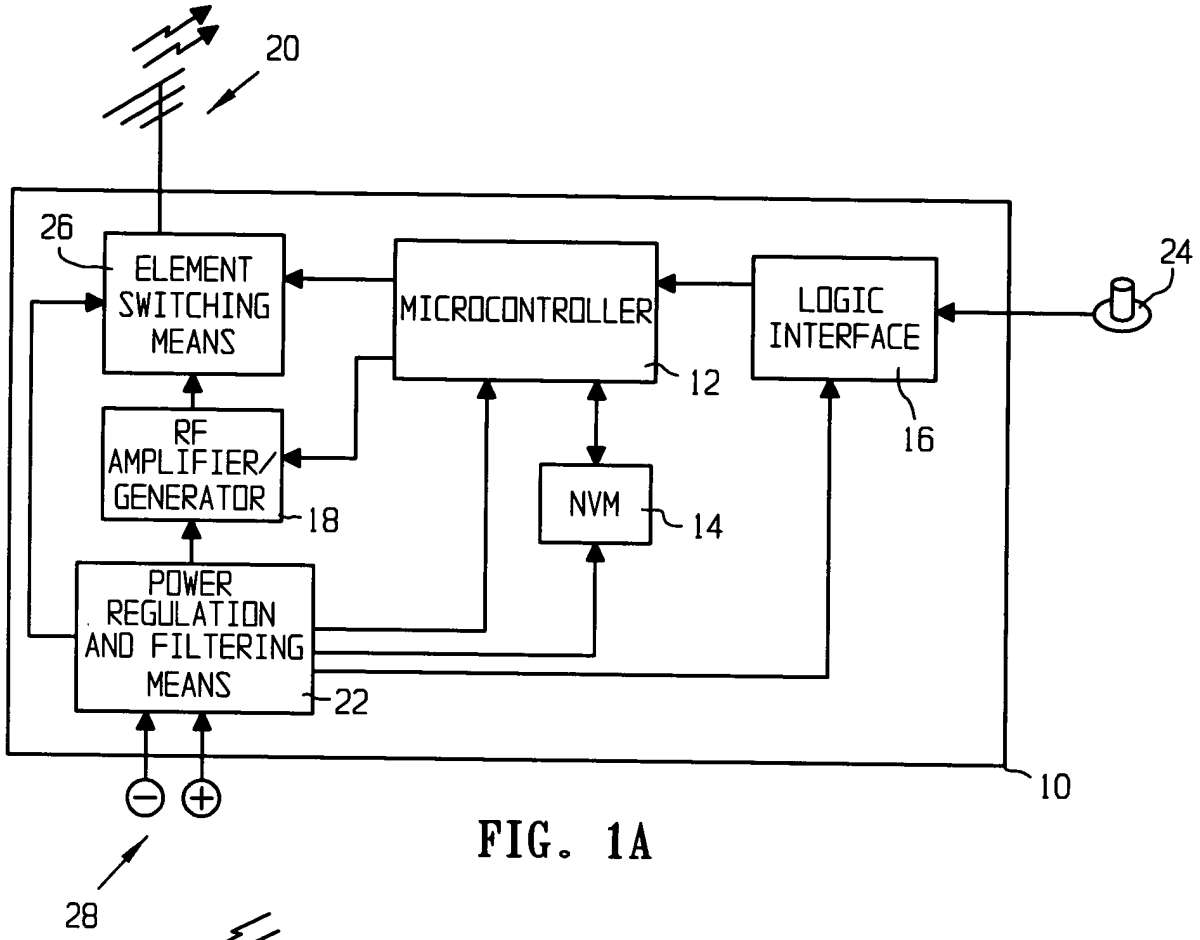
20
26
ELEMENT SWITCHING MEANS
MICROCONTROLLER
LOGIC INTERFACE
24
12
16
RF AMPLIFIER/ GENERATOR
18
NVM
14
POWER REGULATION AND FILTERING MEANS
22
10
28

FIG. 1A

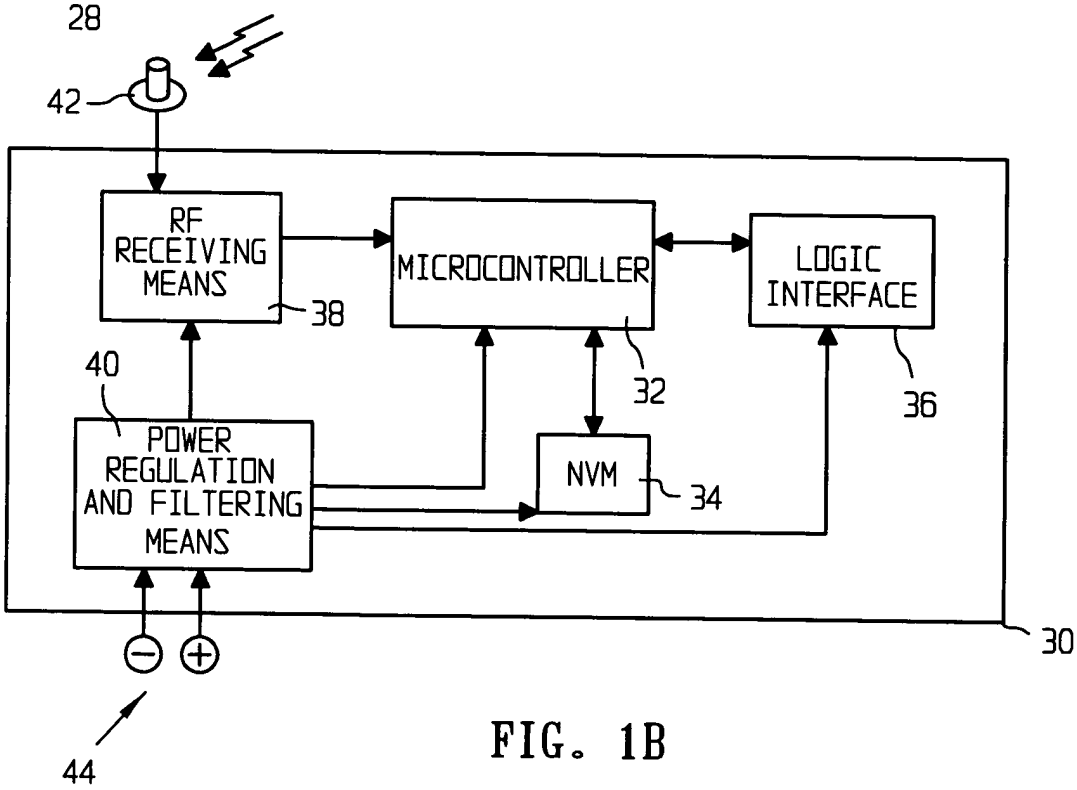
42
RF RECEIVING MEANS
38
MICROCONTROLLER
LOGIC INTERFACE
40
32
36
POWER REGULATION AND FILTERING MEANS
NVM
34
30
44

FIG. 1B

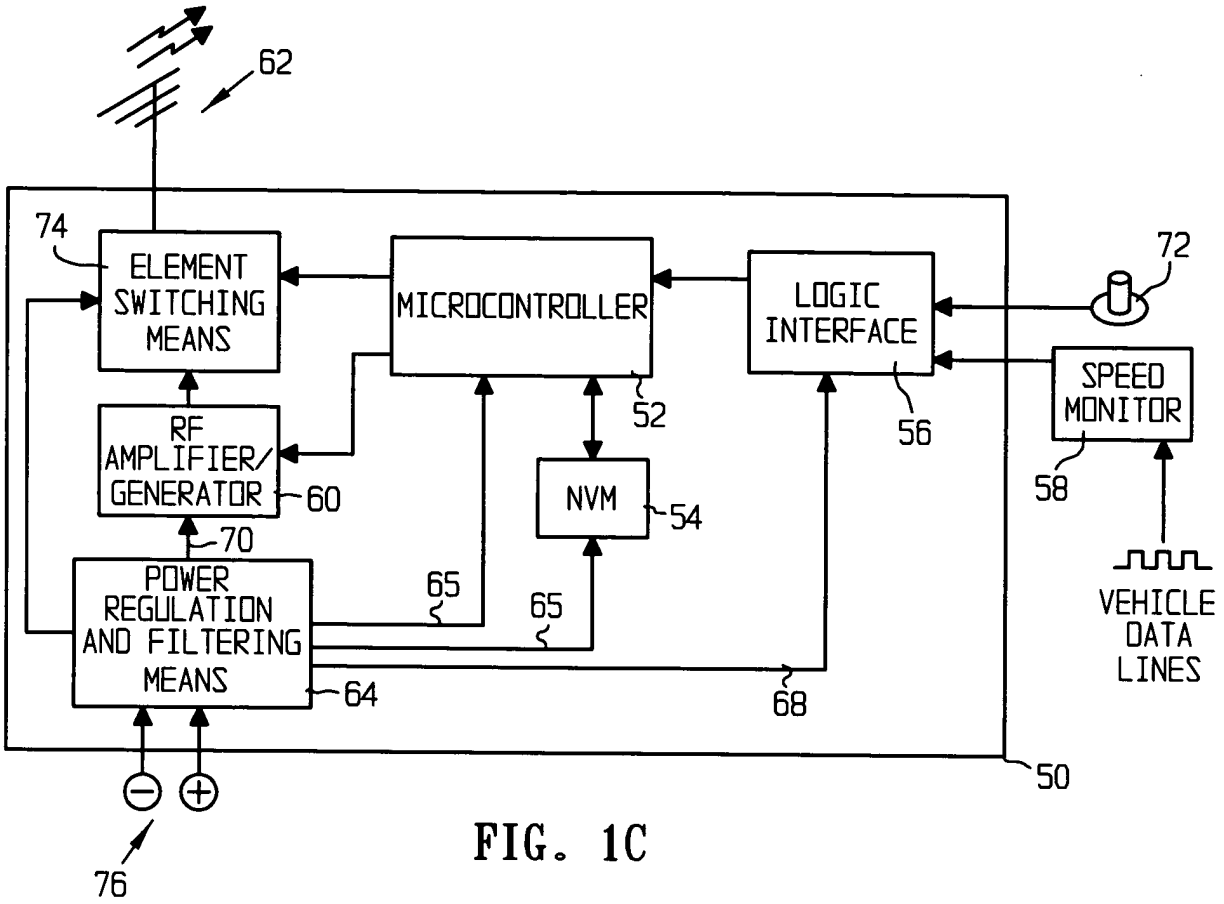
62
74
ELEMENT SWITCHING MEANS
MICROCONTROLLER
LOGIC INTERFACE
72
SPEED MONITOR
RF AMPLIFIER/ GENERATOR
60
52
56
58
NVM
54
70
POWER REGULATION AND FILTERING MEANS
65
65
64
68
VEHICLE DATA LINES
50
76

FIG. 1C

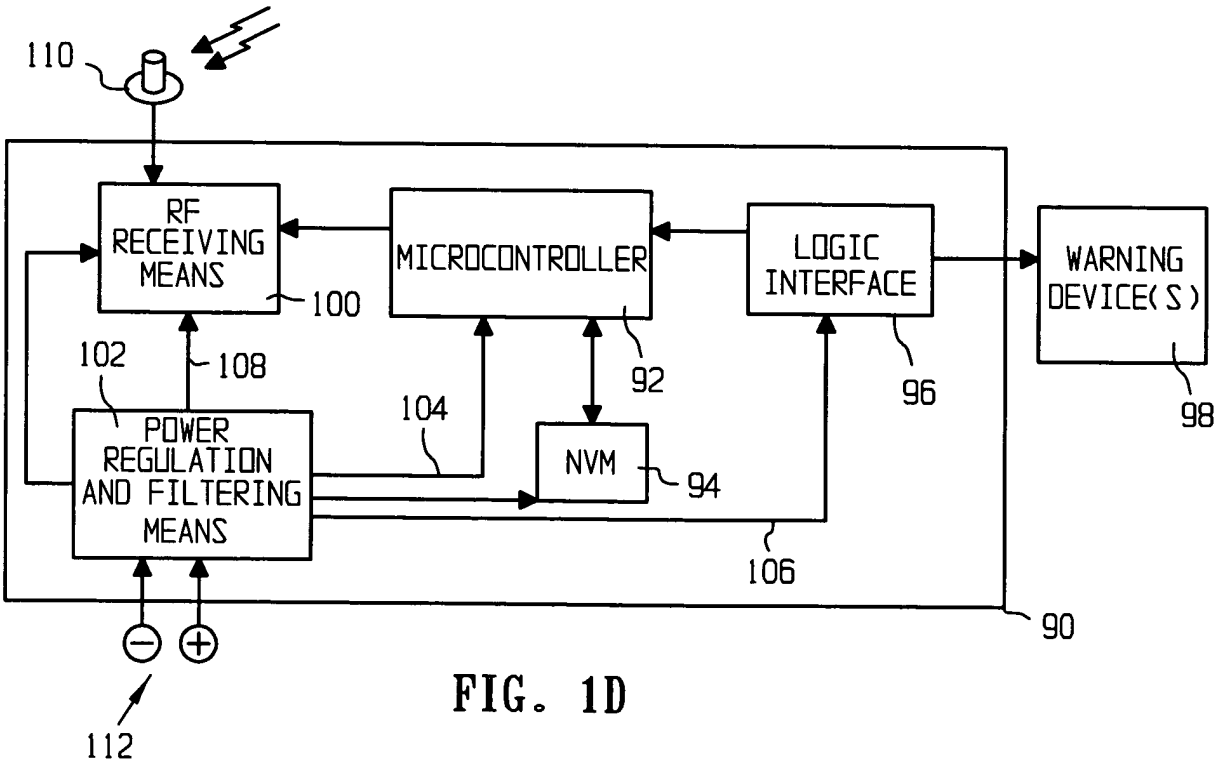
110
RF RECEIVING MEANS
100
MICROCONTROLLER
LOGIC INTERFACE
WARNING DEVICE(S)
102
108
92
96
98
104
POWER REGULATION AND FILTERING MEANS
NVM
94
106
90
112

FIG. 1D

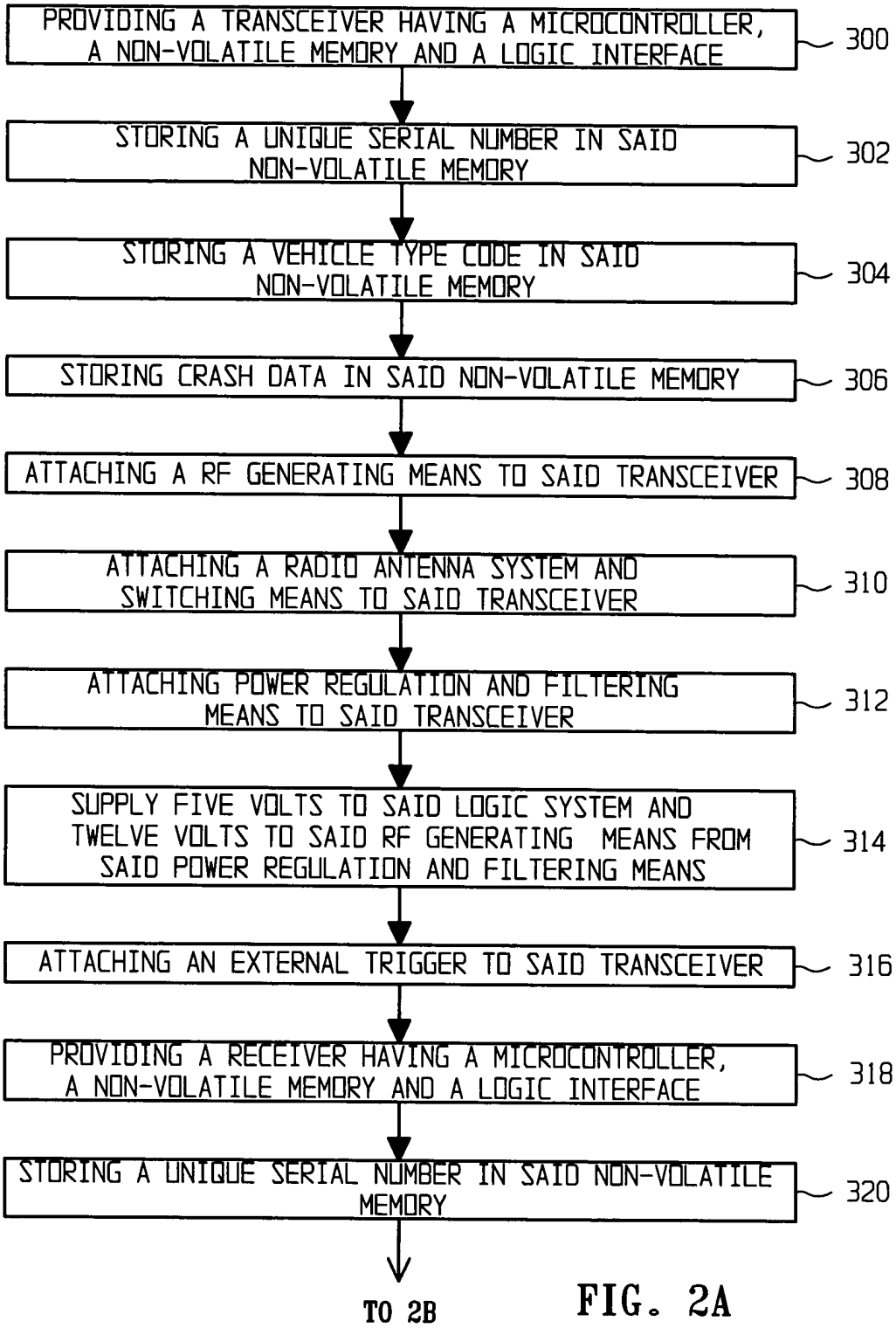
PROVIDING A TRANSCEIVER HAVING A MICROCONTROLLER, A NON-VOLATILE MEMORY AND A LOGIC INTERFACE
300
STORING A UNIQUE SERIAL NUMBER IN SAID NON-VOLATILE MEMORY
302
STORING A VEHICLE TYPE CODE IN SAID NON-VOLATILE MEMORY
304
STORING CRASH DATA IN SAID NON-VOLATILE MEMORY
306
ATTACHING A RF GENERATING MEANS TO SAID TRANSCEIVER
308
ATTACHING A RADIO ANTENNA SYSTEM AND SWITCHING MEANS TO SAID TRANSCEIVER
310
ATTACHING POWER REGULATION AND FILTERING MEANS TO SAID TRANSCEIVER
312
SUPPLY FIVE VOLTS TO SAID LOGIC SYSTEM AND TWELVE VOLTS TO SAID RF GENERATING MEANS FROM SAID POWER REGULATION AND FILTERING MEANS
314
ATTACHING AN EXTERNAL TRIGGER TO SAID TRANSCEIVER
316
PROVIDING A RECEIVER HAVING A MICROCONTROLLER, A NON-VOLATILE MEMORY AND A LOGIC INTERFACE
318
STORING A UNIQUE SERIAL NUMBER IN SAID NON-VOLATILE MEMORY
320
TO 2B

FIG. 2A

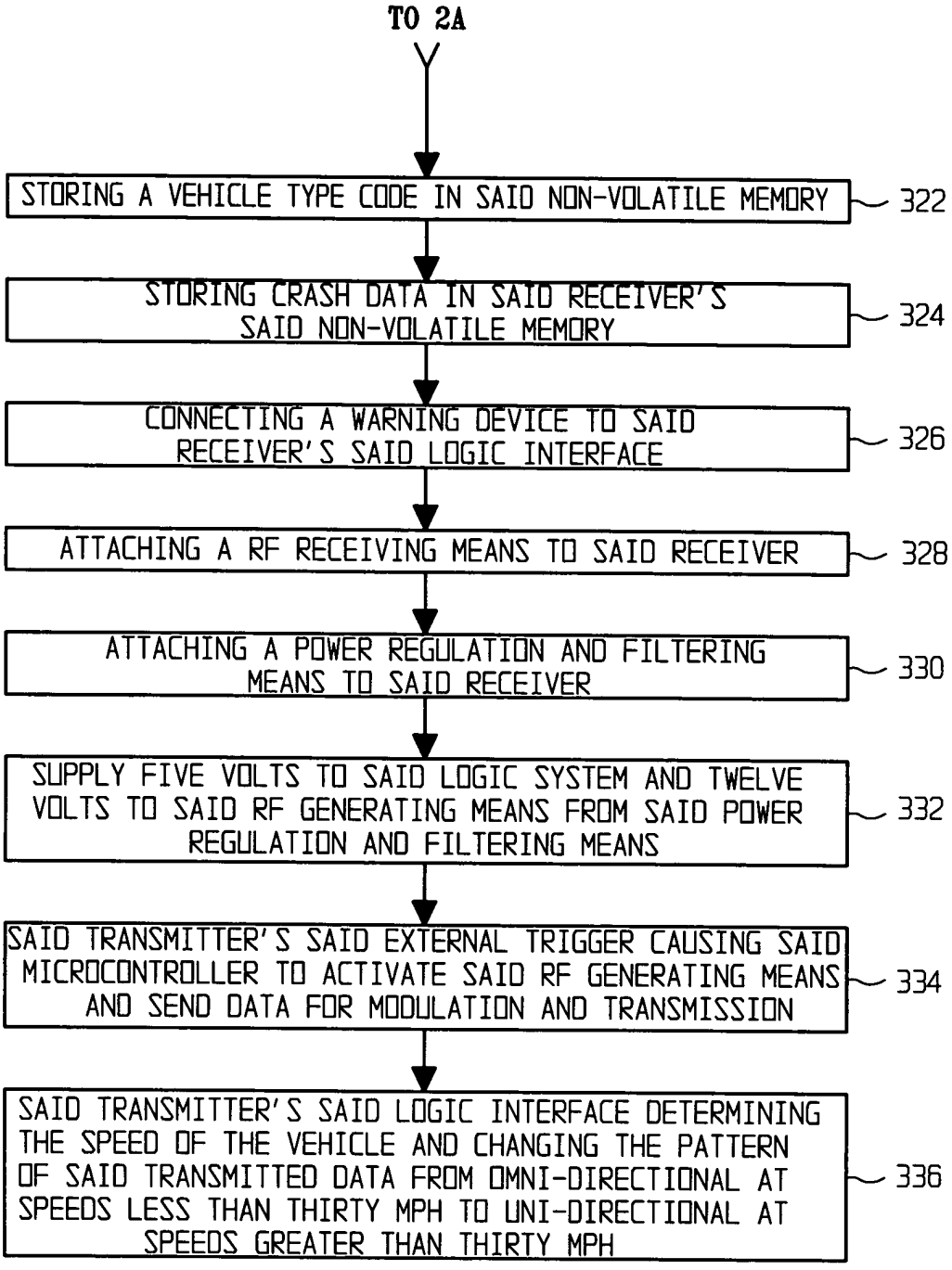
TO 2A
STORING A VEHICLE TYPE CODE IN SAID NON-VOLATILE MEMORY
322
STORING CRASH DATA IN SAID RECEIVER'S SAID NON-VOLATILE MEMORY
324
CONNECTING A WARNING DEVICE TO SAID RECEIVER'S SAID LOGIC INTERFACE
326
ATTACHING A RF RECEIVING MEANS TO SAID RECEIVER
328
ATTACHING A POWER REGULATION AND FILTERING MEANS TO SAID RECEIVER
330
SUPPLY FIVE VOLTS TO SAID LOGIC SYSTEM AND TWELVE VOLTS TO SAID RF GENERATING MEANS FROM SAID POWER REGULATION AND FILTERING MEANS
332
SAID TRANSMITTER'S SAID EXTERNAL TRIGGER CAUSING SAID MICROCONTROLLER TO ACTIVATE SAID RF GENERATING MEANS AND SEND DATA FOR MODULATION AND TRANSMISSION
334
SAID TRANSMITTER'S SAID LOGIC INTERFACE DETERMINING THE SPEED OF THE VEHICLE AND CHANGING THE PATTERN OF SAID TRANSMITTED DATA FROM OMNI-DIRECTIONAL AT SPEEDS LESS THAN THIRTY MPH TO UNI-DIRECTIONAL AT SPEEDS GREATER THAN THIRTY MPH
336

FIG. 2B